

Amendments to Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-16 (previously canceled).

Claim 17 (currently canceled).

18. (New) A method for preserving selected data of a computing device entering a power suspension mode comprising:

determining whether a data element held in volatile memory of the computing device is necessary for restoration of the computing device to a pre-suspension state upon the computing device exiting the power suspension mode;

if the data element is necessary for restoration of the computing device to the pre-suspension state upon the computing device exiting the suspension mode, then selecting the data element for storage in non-volatile memory accessible to the computing device prior to entering the power suspension mode; and

storing the selected data element in the non-volatile memory accessible to the computing device prior to entering the power suspension mode.

19. (New) The method for preserving selected data of a computing device entering a power suspension mode of claim 18, wherein determining whether a data element held in volatile memory of the computing device is necessary for restoration of the computing device to a pre-suspension state upon the computing device exiting the power suspension mode comprises:

determining if the data element is a memory management data element stored by a memory management control routine; and

if the data element is a memory management data element, then identifying the memory management data element as not necessary for restoration of the computing device to the pre-suspension state upon the computing device exiting the power suspension mode.

20. (New) The method for preserving selected data of a computing device entering a power suspension mode of claim 19, wherein the memory management control routine is selected from group consisting of a HIMEM.SYS routine, a 386MAX routine, a QEMM routine, a fonts cache

routine, and a memory scratchpad routine.

21. (New) The method for preserving selected data of a computing device entering a power suspension mode of claim 18, wherein the method further comprises restoring the computing device to the pre-suspension state after the computing device exiting the suspension mode.

22. (New) The method for preserving selected data of a computing device entering a power suspension mode of claim 18, wherein storing the selected data element in the non-volatile memory of the computing device prior to entering the power suspension mode comprises:

accessing a compression utility routine;

applying the compression utility routine to selected data elements comprising the selected data element to produce compressed data; and

storing the compressed data on the non-volatile memory.

23. (New) The method for preserving selected data of a computing device entering a power suspension mode of claim 22, wherein compression routing comprises reclaiming memory areas of the volatile memory by writing zeros to the selected data elements prior to applying the compression utility routine.

24. (New) The method for preserving selected data of a computing device entering a power suspension mode of claim 18, wherein the non-volatile memory is a hard-disk drive connected to and operable by the computer.